Exhibit D
'tzlas01.log'

```
SQL> @tzlbac14
SQL>
SQL> CONNECT SCOTT/TIGER
Connected.
SQL>
SQL>    CREATE TABLE abc
  2        (COL1 VARCHAR2(45));

Table created.

SQL>
SQL>    CREATE TABLE jing
  2        (COL1 VARCHAR2(45));

Table created.

SQL>
SQL>    GRANT ALL ON abc TO LBACSYS;

Grant succeeded.

SQL>
SQL> -- This should not be allowed as the user is SCOTT
SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('simple','lbac$test1','raghu');
BEGIN LBAC_SYSDBA.CREATE_POLICY('simple','lbac$test1','raghu'); END;

      *
ERROR at line 1:
ORA-06550: line 1, column 7:
PLS-00201: identifier 'LBACSYS.LBAC_SYSDBA' must be declared
ORA-06550: line 1, column 7:
PL/SQL: Statement ignored


SQL>
SQL> CONNECT LBACSYS/LBACSYS
Connected.
SQL>
SQL> -- Create policies in database
SQL>
SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('simple','lbac$test1','raghu');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('complex','lbac$test1','rghu');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('sile','lbac$test1');

PL/SQL procedure successfully completed.

SQL>
SQL> -- Error Conditions
SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('complex','lbac$test1','aghu');
BEGIN LBAC_SYSDBA.CREATE_POLICY('complex','lbac$test1','aghu'); END;
```

```
*
ERROR at line 1:
ORA-12447: policy role already exists for policy complex
ORA-06512: at "LBACSYS.LBAC_STANDARD", line 0
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-01921: role name 'COMPLEX_DBA' conflicts with another user or role name
ORA-06512: at line 1


SQL>   EXECUTE LBAC_SYSDBA.CREATE_POLICY('dummy','lbac$test1');
BEGIN LBAC_SYSDBA.CREATE_POLICY('dummy','lbac$test1'); END;

*
ERROR at line 1:
ORA-12442: policy column "TESTLABEL" already used by an existing policy
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-06512: at line .*


SQL>   EXECUTE LBAC_SYSDBA.CREATE_POLICY('new','lbac$test1','raghu');
BEGIN LBAC_SYSDBA.CREATE_POLICY('new','lbac$test1','raghu'); END;

*
ERROR at line 1:
ORA-12442: policy column "RAGHU" already used by an existing policy
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-06512: at line .*


SQL>   EXECUTE LBAC_SYSDBA.CREATE_POLICY('new123','lbac$tt1','xyz');
BEGIN LBAC_SYSDBA.CREATE_POLICY('new123','lbac$tt1','xyz'); END;

*
ERROR at line 1:
ORA-12412: policy package lbac$tt1 is not installed
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-06512: at line .*


SQL>
SQL> -- This should not fail ...
SQL>   EXECUTE
LBAC_SYSDBA.CREATE_POLICY('abcdefghijklmnopqrstuvwxyz1234','lbac$test1','fdf');

PL/SQL procedure successfully completed.

SQL>
SQL>   EXECUTE
LBAC_SYSDBA.CREATE_POLICY('abcdefghijklmnopqrstuvwxyz','lbac$test1','fdf');
BEGIN
LBAC_SYSDBA.CREATE_POLICY('abcdefghijklmnopqrstuvwxyz','lbac$test1','fdf'); END;

*
ERROR at line 1:
ORA-12447: policy role already exists for policy abcdefghijklmnopqrstuvwxyz
ORA-06512: at "LBACSYS.LBAC_STANDARD", line 0
```

```
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-01921: role name 'ABCDEFGHIJKLMNOPQRSTUVWXYZ_DBA' conflicts with another
user or role name
ORA-06512: at line 1


SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('india','lbac$test1','fdfefg');

PL/SQL procedure successfully completed.

SQL>
SQL> -- Add 5 policies due to max_label_policies default increase from 5 to 10.
SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('ab1','lbac$test1','vc1');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('ab2','lbac$test1','vc2');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('ab3','lbac$test1','vc3');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('ab4','lbac$test1','vc4');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('ab5','lbac$test1','vc5');

PL/SQL procedure successfully completed.

SQL>
SQL> -- Error Conditions
SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('abc','lbac$test1','vcx');
BEGIN LBAC_SYSDBA.CREATE_POLICY('abc','lbac$test1','vcx'); END;

*
ERROR at line 1:
ORA-12422: max policies exceeded
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-06512: at line 1


SQL>    EXECUTE LBAC_SYSDBA.CREATE_POLICY('simple');
BEGIN LBAC_SYSDBA.CREATE_POLICY('simple'); END;

      *
ERROR at line 1:
ORA-06550: line 1, column 7:
PLS-00306: wrong number or types of arguments in call to 'CREATE_POLICY'
ORA-06550: line 1, column 7:
PL/SQL: Statement ignored
```

```
SQL>    EXECUTE
LBAC_SYSDBA.CREATE_POLICY('abcdefghijklmnopqrstuvwxyz12345','lbac$test1','ragu')
;
BEGIN
LBAC_SYSDBA.CREATE_POLICY('abcdefghijklmnopqrstuvwxyz12345','lbac$test1','ragu')
; END;

*
ERROR at line 1:
ORA-12447: policy role already exists for policy
abcdefghijklmnopqrstuvwxyz12345
ORA-06512: at "LBACSYS.LBAC_STANDARD", line 0
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-01921: role name 'ABCDEFGHIJKLMNOPQRSTUVWXYZ_DBA' conflicts with another
user or role name
ORA-06512: at line 1


SQL>
SQL> -- Drop extra 5 policies from above.
SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('ab1');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('ab2');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('ab3');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('ab4');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('ab5');

PL/SQL procedure successfully completed.

SQL>
SQL> -- Let us check the policies created ...
SQL>    SELECT *
  2     FROM DBA_LBAC_POLICIES
  3     ORDER BY POLICY_NAME;

POLICY_NAME                      COLUMN_NAME
------------------------------   ------------------------------
PACKAGE                          BIN_SIZE STATUS
------------------------------   ---------- --------
DEFAULT_FORMAT                   POLICY_FORMAT
------------------------------   ------------------------------
POLICY_OPTIONS
-----------------------------------------------------------------------
DATABASE_LABELS
-----------------------------------------------------------------------
ABCDEFGHIJKLMNOPQRSTUVWXYZ1234 FDF
```

```
LBAC$TEST1                                 1 ENABLED


COMPLEX                        RGHU
LBAC$TEST1                                 1 ENABLED



INDIA                          FDFEFG

POLICY_NAME                    COLUMN_NAME
------------------------------ ------------------------------
PACKAGE                         BIN_SIZE STATUS
------------------------------ ---------- --------
DEFAULT_FORMAT                 POLICY_FORMAT
------------------------------ ------------------------------
POLICY_OPTIONS
--------------------------------------------------------------------
DATABASE_LABELS
--------------------------------------------------------------------
LBAC$TEST1                                 1 ENABLED



SILE                           TESTLABEL
LBAC$TEST1                                 1 ENABLED


SIMPLE                         RAGHU
LBAC$TEST1                                 1 ENABLED

POLICY_NAME                    COLUMN_NAME
------------------------------ ------------------------------
PACKAGE                         BIN_SIZE STATUS
------------------------------ ---------- --------
DEFAULT_FORMAT                 POLICY_FORMAT
------------------------------ ------------------------------
POLICY_OPTIONS
--------------------------------------------------------------------
DATABASE_LABELS
--------------------------------------------------------------------


5 rows selected.

SQL>
SQL>    EXECUTE LBAC_SYSDBA.ENABLE_POLICY('simple');
```

```
PL/SQL procedure successfully completed.

SQL>
SQL> -- The basic objective from now on is to test the enable/disable procedures
...
SQL>
SQL>    EXECUTE LBAC_LABEL_ADMIN.CREATE_LABEL('simple',1,'A,B', TRUE);

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_LABEL_ADMIN.CREATE_LABEL('abcdefghijklmnopqrstuvwxyz',2,'A',
TRUE);
BEGIN LBAC_LABEL_ADMIN.CREATE_LABEL('abcdefghijklmnopqrstuvwxyz',2,'A', TRUE);
END;

*
ERROR at line 1:
ORA-12416: policy abcdefghijklmnopqrstuvwxyz not found
ORA-06512: at "LBACSYS.LBAC_CACHE", line .*
ORA-06512: at "LBACSYS.LBAC_LABEL_ADMIN", line .*
ORA-06512: at line 1


SQL>
SQL>    EXECUTE
LBAC_USER_ADMIN.SET_USER_LABELS('abcdefghijklmnopqrstuvwxyz','SCOTT',TO_LABEL_LI
ST.FROM_CHAR('abcdefghijklmnopqrstuvwxyz',NULL,'A'));
BEGIN
LBAC_USER_ADMIN.SET_USER_LABELS('abcdefghijklmnopqrstuvwxyz','SCOTT',TO_LABEL_LI
ST.FROM_CHAR('abcdefghijklmnopqrstuvwxyz',NULL,'A')); END;

*
ERROR at line 1:
ORA-01405: fetched column value is NULL


SQL>
SQL>    SELECT *
   2    FROM DBA_LBAC_USER_LABELS ORDER BY USER_NAME, POLICY_NAME;

no rows selected

SQL>
SQL> -- Error Conditions
SQL>    EXECUTE
LBAC_POLICY_ADMIN.APPLY_TABLE_POLICY('abcdefghijklmnopqrstuvwxyz','SCOTT','abc')
;
BEGIN
LBAC_POLICY_ADMIN.APPLY_TABLE_POLICY('abcdefghijklmnopqrstuvwxyz','SCOTT','abc')
; END;

*
ERROR at line 1:
ORA-12416: policy abcdefghijklmnopqrstuvwxyz not found
ORA-06512: at "LBACSYS.LBAC_CACHE", line .*
ORA-06512: at "LBACSYS.LBAC_POLICY_ADMIN", line .*
ORA-06512: at line 1
```

```
SQL>
SQL> -- OK now
SQL>    EXECUTE
LBAC_POLICY_ADMIN.APPLY_TABLE_POLICY('complex','SCOTT','abc','NO_CONTROL');

PL/SQL procedure successfully completed.

SQL>    EXECUTE
LBAC_POLICY_ADMIN.APPLY_TABLE_POLICY('complex','SCOTT','jing','NO_CONTROL');

PL/SQL procedure successfully completed.

SQL>    EXECUTE
LBAC_POLICY_ADMIN.APPLY_TABLE_POLICY('simple','SCOTT','abc','DELETE_CONTROL');

PL/SQL procedure successfully completed.

SQL>    EXECUTE
LBAC_POLICY_ADMIN.APPLY_TABLE_POLICY('simple','SCOTT','EMP','DELETE_CONTROL');

PL/SQL procedure successfully completed.

SQL>    EXECUTE
LBAC_POLICY_ADMIN.APPLY_TABLE_POLICY('sile','SCOTT','jing','DELETE_CONTROL');

PL/SQL procedure successfully completed.

SQL>
SQL> CONNECT SCOTT/TIGER
Connected.
SQL>
SQL>    DESC abc;
 Name                                          Null?    Type
 --------------------------------------------- -------- ----------------------------
 COL1                                                   VARCHAR2(45)
 RGHU                                                   LBACSYS.LBAC_LABEL
 RAGHU                                                  LBACSYS.LBAC_LABEL

SQL>
SQL>    INSERT INTO abc(col1)
  2     VALUES('fdfd');

1 row created.

SQL>
SQL>    UPDATE abc
  2     SET raghu = LBACSYS.TO_LBAC_LABEL('simple','A,B');

1 row updated.

SQL>
SQL> -- Should not allow ...
SQL>    DELETE FROM abc;
  DELETE FROM abc
            *
```

```
ERROR at line 1:
ORA-12406: unauthorized SQL statement for policy SIMPLE
ORA-06512: at "LBACSYS.LBAC_STANDARD", line 0
ORA-06512: at "LBACSYS.LBAC.*
ORA-04088: error during execution of trigger 'LBACSYS.LBAC.*


SQL>
SQL>    SELECT col1,LABEL_TO_CHAR(raghu)
  2     FROM abc
  3     ORDER BY col1;

COL1
-------------------------------------------
LABEL_TO_CHAR(RAGHU)
---------------------------------------------------------------------------
fdfd
A,B


1 row selected.

SQL>
SQL> -- Error Condition
SQL>    EXECUTE LBAC_SYSDBA.DISABLE_POLICY('simple');
BEGIN LBAC_SYSDBA.DISABLE_POLICY('simple'); END;


      *
ERROR at line 1:
ORA-06550: line 1, column 7:
PLS-00201: identifier 'LBACSYS.LBAC_SYSDBA' must be declared
ORA-06550: line 1, column 7:
PL/SQL: Statement ignored


SQL>
SQL> CONNECT LBACSYS/LBACSYS
Connected.
SQL>
SQL>    EXECUTE LBAC_SYSDBA.DISABLE_POLICY('simple');

PL/SQL procedure successfully completed.

SQL>
SQL> -- Error Conditions ...
SQL>    EXECUTE LBAC_SYSDBA.DISABLE_POLICY('abcdefghijklmnopqrstuvwxyzfd');
BEGIN LBAC_SYSDBA.DISABLE_POLICY('abcdefghijklmnopqrstuvwxyzfd'); END;

*
ERROR at line 1:
ORA-12416: policy abcdefghijklmnopqrstuvwxyzfd not found
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-06512: at line 1


SQL>    EXECUTE LBAC_SYSDBA.DISABLE_POLICY('abcdefghijklmnopqrstuvwxyz','fdf');
BEGIN LBAC_SYSDBA.DISABLE_POLICY('abcdefghijklmnopqrstuvwxyz','fdf'); END;
```

```
                *
ERROR at line 1:
ORA-06550: line 1, column 7:
PLS-00306: wrong number or types of arguments in call to 'DISABLE_POLICY'
ORA-06550: line 1, column 7:
PL/SQL: Statement ignored


SQL>
SQL> -- Should not delete as the disable will be effective from next session
only
SQL>    DELETE FROM SCOTT.abc;

1 row deleted.

SQL>
SQL> CONNECT SCOTT/TIGER
Connected.
SQL>
SQL>    SELECT col1,LABEL_TO_CHAR(raghu)
  2      FROM abc
  3      ORDER BY col1;

no rows selected

SQL>
SQL> -- Should delete now as the policy is disabled ...
SQL>    DELETE FROM abc;

0 rows deleted.

SQL>
SQL>    SELECT col1,LABEL_TO_CHAR(raghu)
  2      FROM abc
  3      ORDER BY col1;

no rows selected

SQL>
SQL>    INSERT INTO abc(col1)
  2      VALUES('123233');

1 row created.

SQL>
SQL> -- Error Condition ...
SQL>    EXECUTE LBAC_SYSDBA.ENABLE_POLICY('simple');
BEGIN LBAC_SYSDBA.ENABLE_POLICY('simple'); END;

        *
ERROR at line 1:
ORA-06550: line 1, column 7:
PLS-00201: identifier 'LBACSYS.LBAC_SYSDBA' must be declared
ORA-06550: line 1, column 7:
PL/SQL: Statement ignored
```

```
SQL>
SQL> CONNECT LBACSYS/LBACSYS
Connected.
SQL>
SQL>    EXECUTE LBAC_SYSDBA.ENABLE_POLICY('simple');

PL/SQL procedure successfully completed.

SQL>
SQL> -- Error Conditions ...
SQL>    EXECUTE LBAC_SYSDBA.ENABLE_POLICY('simpler1');
BEGIN LBAC_SYSDBA.ENABLE_POLICY('simpler1'); END;

*
ERROR at line 1:
ORA-12416: policy simpler1 not found
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-06512: at line 1


SQL>    EXECUTE LBAC_SYSDBA.ENABLE_POLICY('simple',FALSE);
BEGIN LBAC_SYSDBA.ENABLE_POLICY('simple',FALSE); END;

      *
ERROR at line 1:
ORA-06550: line 1, column 7:
PLS-00306: wrong number or types of arguments in call to 'ENABLE_POLICY'
ORA-06550: line 1, column 7:
PL/SQL: Statement ignored


SQL>
SQL> -- Should delete now as the enable will be effective only from new session
SQL>    DELETE FROM SCOTT.abc;

1 row deleted.

SQL>
SQL> CONNECT SCOTT/TIGER
Connected.
SQL>
SQL> -- Expecting no rows ...
SQL>    SELECT col1,LABEL_TO_CHAR(raghu)
  2     FROM abc
  3     ORDER BY col1;

no rows selected

SQL>
SQL>    INSERT INTO abc(col1)
  2     VALUES('1232');

1 row created.

SQL>
SQL> -- Delete should fail ...
```

```
SQL>    DELETE FROM abc;
  DELETE FROM abc
              *
ERROR at line 1:
ORA-12406: unauthorized SQL statement for policy SIMPLE
ORA-06512: at "LBACSYS.LBAC_STANDARD", line 0
ORA-06512: at "LBACSYS.LBAC.*
ORA-04088: error during execution of trigger 'LBACSYS.LBAC.*


SQL>
SQL>    SELECT col1,LABEL_TO_CHAR(raghu)
  2     FROM abc
  3     ORDER BY col1;

COL1
-----------------------------------------------
LABEL_TO_CHAR(RAGHU)
------------------------------------------------------------------------
1232


1 row selected.

SQL>
SQL> CONNECT LBACSYS/LBACSYS
Connected.
SQL>
SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('simple',TRUE);

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('complex', FALSE);

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('sile');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('abcdefghijklmnopqrstuvwxyz1234');

PL/SQL procedure successfully completed.

SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('abcdefghijklmnopqrstuvwxyz');
BEGIN LBAC_SYSDBA.DROP_POLICY('abcdefghijklmnopqrstuvwxyz'); END;

*
ERROR at line 1:
ORA-12416: policy abcdefghijklmnopqrstuvwxyz not found
ORA-06512: at "LBACSYS.LBAC_STANDARD", line 0
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-06512: at line 1


SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('india');
```

```
PL/SQL procedure successfully completed.

SQL>
SQL> -- Error Conditions
SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('adfd');
BEGIN LBAC_SYSDBA.DROP_POLICY('adfd'); END;

*
ERROR at line 1:
ORA-12416: policy adfd not found
ORA-06512: at "LBACSYS.LBAC_STANDARD", line 0
ORA-06512: at "LBACSYS.LBAC_SYSDBA", line .*
ORA-06512: at line 1


SQL>    EXECUTE LBAC_SYSDBA.DROP_POLICY('simple',XYZ);
BEGIN LBAC_SYSDBA.DROP_POLICY('simple',XYZ); END;

                                        *
ERROR at line 1:
ORA-06550: line 1, column 40:
PLS-00201: identifier 'XYZ' must be declared
ORA-06550: line 1, column 7:
PL/SQL: Statement ignored


SQL>
SQL>   SELECT *
  2     FROM DBA_LBAC_POLICIES
  3     ORDER BY POLICY_NAME;

no rows selected

SQL>
SQL> CONNECT SCOTT/TIGER
Connected.
SQL>
SQL> -- Simple policy was applied on two tables (abc,emp) the hidden column
should
SQL> -- be dropped as the TRUE option is set; Policy complex was applied to
SQL> -- two tables(abc,jing) and hidden column should not be dropped as the
option
SQL> -- was set to FALSE; Policy sile was applied to a table (jing) and the
hidden
SQL> -- column should not be dropped as the default option is FALSE.
SQL>
SQL>    DESC abc;
 Name                                      Null?    Type
 ---------------------------------------- -------- ----------------------------
 COL1                                               VARCHAR2(45)
 RGHU                                               LBACSYS.LBAC_LABEL

SQL>    DESC jing;
 Name                                      Null?    Type
 ---------------------------------------- -------- ----------------------------
 COL1                                               VARCHAR2(45)
```

```
        RGHU                                      LBACSYS.LBAC_LABEL
        TESTLABEL                                 LBACSYS.LBAC_LABEL

SQL>    DESC EMP;
    Name                                    Null?     Type
    ----------------------------------------- -------- ----------------------------
    EMPNO                                   NOT NULL NUMBER(4)
    ENAME                                            VARCHAR2(10)
    JOB                                              VARCHAR2(9)
    MGR                                              NUMBER(4)
    HIREDATE                                         DATE
    SAL                                              NUMBER(7,2)
    COMM                                             NUMBER(7,2)
    DEPTNO                                           NUMBER(2)

SQL>
SQL>    DROP TABLE abc;

Table dropped.

SQL>    DROP TABLE jing;

Table dropped.

SQL>
SQL> SET ECHO OFF
```